

Search Terms	
1	AMPLITUDE
2	ERROR
3	ERRORS
4	FUZZY
5	IMPEDANCE
6	IMPEDANCES
7	MAGNITUDE
8	PHASE
9	((FUZZY AND (IMPEDANCES OR IMPEDANCE)) AND ((MAGNITUDE OR AMPLITUDE) SAME (ERRORS OR ERROR) SAME PHASE))

	Total	USPAT	US-PCPU B	EPO	JPO	Derw nt	IBM TDB
1	330531						
2	509425						
3	207140						
4	15053						
5	203462						
6	24361						
7	347667						
8	1199193						
9	7						

	U	1	Docum nt ID	I u Dat	Pag	Title	Curr nt OR
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5842154 A	19981124	12	Fuzzy logic tuning of RF matching network	702/106
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5705978 A	19980106	10	Process control transmitter	340/511
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5691640 A	19971125		Forced balance metal detector	324/233
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4434438 A	19840228		Low cost automatic equalizer	348/614
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 3967178 A	19760629		Wide band angular displacement and velocity sensor and method	318/648
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5842154 A	19981124		Fuzzy logic tuning of RF matching network	

	Curr nt XRef	Retri val Clas if	Inventor	S	C	P	2	3	4	5
1	333/17.3		Harnett, Sean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	340/506 ; 340/517 ; 340/521 ; 340/522		Frick, Roger L. , et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	324/225 ; 324/239 ; 324/241		King, Kevin James	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	327/248 ; 333/165 ; 333/166 ; 333/18 ; 333/28R ; 348/617		Rzeszewski, Theodore S.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	318/652 ; 73/514.02 ; 73/514.03 ; 73/654		Morris, Harold D.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6			HARNETT, SEAN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	U	1	D	ument ID	I	ue Date	Pages	Titl	Curr nt OR
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5842154 A	19981124		Fuzzy logic method for tuning RF matching network - involves combining weighted drive signal values to produce output drive signal for variable impedance device driven element of network			

	Curr nt XR f	R trieval Cla if	Inventor	S	C	P	2	3	4	5
7			IN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Sear h Term	
1	CONTROL
2	CONTROLLED
3	CONTROLLING
4	CONTROLS
5	FUZZY
6	IMPEDANCE
7	IMPEDANCES
8	NETWORK
9	RADIO
10	RF
11	((FUZZY AND ((IMPEDANCES OR IMPEDANCE) SAME (CONTROLS OR CONTROLLING OR CONTROLLED OR CONTROL))) AND (RF OR RADIO) AND NETWORK)

	Total	USPAT	US-PGPU B	EPO	JPO	Derw nt	IBM TDB
1	4107837						
2	1829181						
3	1352888						
4	846541						
5	15053						
6	203462						
7	24361						
8	440817						
9	317234						
10	135256						
11	18						

	U	1	Docum nt ID	I u Dat	Pag	Titl	Curr nt OR
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6252632 B1	20010626	42	System for enhancing a video presentation	348/585
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6245065 B1	20010612	28	Systems and methods for controlling power in an electrosurgical probe	606/40
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6230501 B1	20010515		Ergonomic systems and methods providing intelligent adaptive surfaces and temperature control	62/51.1
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6197021 B1	20010306		Systems and methods for controlling tissue ablation using multiple temperature sensing elements	606/31
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6183468 B1	20010206		Systems and methods for controlling power in an electrosurgical probe	606/40
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6123702 A	20000926		Systems and methods for controlling power in an electrosurgical probe	606/34
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5953077 A	19990914		System for displaying an object that is not visible to a camera	348/589

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1	348/591 ; 348/592 ; 348/601		Cavallaro, Richard H.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	606/49 ; 606/50		Panescu, Dorin , et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3			Bailey, Sr., Richard F. , et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	600/549 ; 606/42 ; 607/102		Panescu, Dorin , et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	606/34 ; 606/49		Swanson, David K. , et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	606/42 ; 606/49		Swanson, David K. , et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	348/600		Honey, Stanley K. , et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	U	1	Do um nt ID	I ue Dat	Pages	Title	Curr nt OR
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5927603 A	19990727		Closed loop control system, sensing apparatus and fluid application	239/63
						system for a precision irrigation device	
9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5909638 A	19990601		High speed video distribution and manufacturing system	725/146
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5906614 A	19990525		Tissue heating and ablation systems and methods using predicted	606/42
						temperature for monitoring and control	
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5862517 A	19990119		System for re-registering a sensor during a live event	702/85
12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5842154 A	19981124		Fuzzy logic tuning of RF matching network	702/106
13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5810802 A	19980922		Systems and methods for controlling tissue ablation using multiple	606/31
						temperature sensing elements	

	Current XRef	R etrieval Cla if	Inv ntor	S	C	P	2	3	4	5
8	239/69 ; 239/71 ; 239/728 ; 239/74		McNabb, Gerald J.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	386/36 ; 725/1 ; 725/144		Allen, Richard D.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	606/31 ; 606/41 ; 607/102		Stern, Roger A. , et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	702/92 ; 702/93 ; 702/94		Honey, Stanley K. , et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	333/17.3		Harnett, Sean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	606/41 ; 607/101		Panescu, Dorin , et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	U	1	D cum nt ID	I u Dat	Pag	Titl	Curr nt OR
14	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5755715 A	19980526		Tissue heating and ablation systems and methods using time-variable set point temperature curves for monitoring and control	606/31
15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5730165 A	19980324		Time domain capacitive field detector	137/1
16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5702386 A	19971230		Non-linear control systems and methods for heating and ablating body tissue	606/34
17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4002835 A	19770111		Multi-channel decoding circuit for two-channel audio systems	381/18
18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5842154 A	19981124		Fuzzy logic tuning of RF matching network	

	Curr nt XR f	Retrieval Cla if	Inv nt r	S	C	P	2	3	4	5
14	606/42 ; 607/102		Stern, Roger A. , et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	239/24 ; 251/129.04 ; 324/677 ; 324/678 ; 4/623		Philipp, Harald	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	606/31 ; 606/38 ; 606/42 ; 606/45 ; 607/102		Stern, Roger A. , et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17			Bumber, Roger L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18			HARNETT, SEAN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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Fuzzy <paragraph> impedance <and> network

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1 Fuzzy decision making applied to high impedance fault detection in compensated neutral grounded MV distribution systems

Ruz, F.; Fuentes, J.A.

Developments in Power System Protection, 2001, Seventh International Conference on (IEE) , 2001

Page(s) : 307 -310

[Abstract] [PDF Full-Text] CNF

2 Proceedings 1999 IEEE International Conference on Robotics and Automation (Cat. No.99CH36288C)

Robotics and Automation, 1999. Proceedings. 1999 IEEE International Conference on ,

Volume: 1 , 1999

[Abstract] [PDF Full-Text] CNF

3 Hybrid fuzzy-neural flow identification methodology

Mi, Y.; Tsoukalas, L.H.; Ishii, M.; Li, M.; Xiao, Z.

Fuzzy Systems, 1996., Proceedings of the Fifth IEEE International Conference on ,

Volume: 2 , 1996

Page(s) : 1332 -1338 vol.2

[Abstract] [PDF Full-Text] CNF

4 **Breath detection using a fuzzy neural network and sensor fusion**
Cohen, K.P.; Hu, Y.H.; Tompkins, W.J.; Webster, J.G.
Acoustics, Speech, and Signal Processing, 1995. ICASSP-95., 1995 International
Conference on , Volume: 5 , 1995
Page(s) : 3491 -3494 vol.5

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

5 **An intelligent system for automatic detection of high impedance faults in electrical distribution systems**
Silva, P.R.; Santos, A., Jr.; Jota, F.G.
Circuits and Systems, 1995., Proceedings., Proceedings of the 38th Midwest
Symposium on , Volume: 1 , 1996
Page(s) : 453 -456 vol.1

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